From: **Grea Fife** To: Ragan Broyles webster.susan@epa.gov

Subject: Re: Fw: Updated information - Bayou Corne

Date: 09/25/2012 09:36 AM

There has been flaring going on throughout the drilling. Either gas from the other salt caverns or from the drilling operation. The domes are full of trapped gas and it leaks into the caverns and they it is flared during the mining operation. Drill through the salt also hits pockets of gas and that gas has to be flared. Since the cavern of interest has been shut down for years, I'm sure there is an accumulation of gas. I can only speculate that the accumulation is somehow causing it, its too much geology for me.

## Ragan Broyles---09/25/2012 08:55:11 AM---Should we be stopping monitoring support at the same time they are flaring?

From: Ragan Broyles/R6/USEPA/US To: webster.susan@epa.gov Cc: Fife.Greg@epa.gov Date: 09/25/2012 08:55 AM

Subject: Fw: Updated information - Bayou Corne

### Should we be stopping monitoring support at the same time they are flaring?

---- Forwarded by Ragan Broyles/R6/USEPA/US on 09/25/2012 08:54 AM -----

From: Stacey Dwyer/R6/USEPA/US

"Ragan Broyles" < Broyles.Ragan@epamail.epa.gov > , "Pam Phillips" To:

<Phillips.Pam@epamail.epa.gov> 09/24/2012 05:29 PM Date:

Subject: Fw: Updated information - Bayou Corne

# Sent by EPA Wireless Email Services

---- Original Message -----

From: Philip Dellinger

**Sent:** 09/24/2012 04:26 PM CDT

To: Sam Coleman; William Honker; Wren Stenger; Stacey Dwyer

Subject: Fw: Updated information - Bayou Corne

FYI. Attached are photos of flaring gas from cavern investigation well.



---- Forwarded by Philip Dellinger/R6/USEPA/US on 09/24/2012 04:24 PM -----

From: Chris Knotts < Chris. Knotts@LA.GOV> "boyce.clark@arcadis-us.com'" <boyce.clark@arcadis-us.com>, "bobby.mcdonald@sug.com'" To: <bobby.mcdonald@sug.com>, Brent Campbell <Brent.Campbell@LA.GOV>, "bill.goodman@respec.com'" <bill.goodman@respec.com>, "'Dayton.j.pannell@uscg.mil'" <Dayton.j.pannell@uscg.mil>, "'dgodda1@lsu.edu'" <dgodda1@lsu.edu>, Gary Ross <Gary.Ross@LA.GOV>, Gary Snellgrove <Gary.Snellgrove@LA.GOV>, "'garcement@usgs.gov'" <garcement@usgs.gov>, daily sheinglove@LA.GOV>, "glieff@lsu.edu" <glieff@lsu.edu" <glieff@lsu.edu" <glieff@lsu.edu" <glieff@lsu.edu>,
Jim Welsh <Jim.Welsh@LA.GOV>, "'joe@ratiganeandc.com" <joe@ratiganeandc.com>,
"jwarneke@texasbrine.com" <jwarneke@texasbrine.com>, Johan Forsman
<Johan.Forsman@LA.GOV>, "'hammer@lsu.edu" <hammer@lsu.edu>, "jlovelac@usgs.gov" <il><jlovelac@usgs.gov>, Laurence Bland <Laurence.Bland@LA.GOV>, "'thibod@lsu.edu' <thibod@lsu.edu'>, Madhurendu Kumar <Madhurendu.Kumar@LA.GOV>, "'agpul@lsu.edu'" <agpul@lsu.edu>, "'michael.leblanc@crosstexenergy.com'" <michael.leblanc@crosstexenergy.com>, Patrick Courreges «Patrick.Courreges@LA.GOV», "'rebecca.l.fuller@uscg.mil" <rebecca.l.fuller@uscg.mil>, "'rghughes@lsu.edu" <rghughes@lsu.edu>, "'Imilne1@lsu.edu'" Imilne1@lsu.edu>, "Robert Benoit (DNR)" <Robert.Benoit@LA.GOV>, David Elfert <David.Elfert@LA.GOV>, "Ross LeBlanc (DNR)" <Ross.LeBlanc@LA.GOV>, "Stephen Chustz (DNR)"
<Stephen.Chustz@LA.GOV>, "tedbourgoyne@lsu.edu'" <tedbourgoyne@lsu.edu>, "'warrenii@lsu.edu>, "cjohn@lsu.edu'" <cjohn@lsu.edu>, "cjohn@lsu.edu>, <warrenii@lsu.edu>, "'cjohn@lsu.edu'" <cjohn@lsu.edu>, "'cung.vu@chevron.com'"
<cung.vu@chevron.com>, "'jlanglinais@cox.net'" <jlanglinais@cox.net>, "'kblanchard@texasbrine.com'"
<kblanchard@texasbrine.com>, "'ellsworth@usgs.gov'" <ellsworth@usgs.gov>, "'jrubinstein@usgs.gov'"
<jrubinstein@usgs.gov>, "hickman@usgs.gov'" <hickman@usgs.gov>, "ishorton@memphis.edu'"
<shorton@memphis.edu>, "wleith@usgs.gov" <wletth@usgs.gov>, "benz@usgs.gov'"
<br/>benz@usgs.gov>, "mblanpied@usgs.gov" <mblanpied@usgs.gov>, "methridge@usgs.gov'"
<methridge@usgs.gov>, "isehammon@usgs.gov" <sehammon@usgs.gov>, "jkolak@usgs.gov"
<jkolak@usgs.gov>, "lemersal@usgs.gov'" <lemersal@usgs.gov>, "meremonte@usgs.gov'"
<meremonte@usgs.gov>, "iStephenSpencer@ios.doi.gov" <StephenSpencer@ios.doi.gov>, "rawilliams@usgs.gov', "ijohnboudreaux@assumptionoep.com''
<johnboudreaux@assumptionoep.com>, Kevin Davis <Kevin.Davis@LA.GOV>, Chris Piehler

<Chris.Piehler@LA.GOV>, Chris Sandoz <Chris.Piehler@LA.GOV>, Chris Sandoz <Chris.Sandoz@LA.GOV>, Thomas Van Biersel <Thomas.VanBiersel@LA.GOV>, Donald Haydel <Donald.Haydel@LA.GOV>, "William.Goodman@respec.com" <William.Goodman@respec.com>, Clay Trachtman <Peggy.Hatch@LA.GOV>, Celeste Bonnecaze <Celeste.Bonnecaze@LA.GOV>, Dutch Donlon <Dutch.Donlon@LA.GOV>, Kevin Masden <Kevin.Masden@LA.GOV>, Joe Ball <Joe.Ball@LA.GOV>, "'mcartwright@unitedbrine.com'" <mcartwright@unitedbrine.com>, Larry Gill <Larry.Gill@LA.GOV>, "'greg.ball@chevron.com'" <greg.ball@chevron.com>, Pat Santos <Pat.Santos@LA.GOV>, Wendy Brogdon < Wendy. Brogdon@LA.GOV >, Christopher Guilbeaux < Christopher. Guilbeaux@LA.GOV >, "James Smith (GOHSEP)" < James.B.Smith@LA.GOV>, "'LauraSwafford@chevron.com'" <LauraSwafford@chevron.com>, Steve Meunier <Steve.Meunier@LA.GOV>, "'djborns@sandia.gov'" <djborns@sandia.gov>, "'sjbauer@sandia.gov" <sjbauer@sandia.gov>, "'Jill McMillan (jill.mcmillan@CrosstexEnergy.com)'" <jill.mcmillan@CrosstexEnergy.com>, Steven Acree/ADA/USEPA/US@EPA, "'Scott Goldberg (scott.goldberg@crosstexenergy.com)'" </ Frazier/R6/USEPA/US@EPA, Brian Graves/R6/USEPA/US@EPA, Michael Overbay/R6/USEPA/US@EPA, "Norman Mabile (normanmabile@msn.com)" < normanmabile@msn.com>

Cc: Caroline Dreher <Caroline.Dreher@LA.GOV>, Brenda Miranda <Brenda.Miranda@LA.GOV>

Date: 09/24/2012 08:45 AM
Subject: Updated information

#### Dear All:

Attached please find photos of the flare on OXY#3 from last night, a more detailed summary of the brine injection proposal and a more recent observation report from the DNR rep on-site, and ...all for your review and discussion.

As always, if members have more accurate or recent information, please share that information. I will continue to send out info as it becomes

available.

### Chris

#### CONFIDENTIALITY NOTICE

This email communication may contain confidential information which also may be legally privileged and is intended only for the use of the intended recipients identified above. If you are not the intended recipient of this communication, you are hereby notified that any unauthorized review, use, dissemination, distribution, downloading, or copying of this communication is strictly prohibited. If you are not the intended recipient and have received this communication in error, please immediately notify us by reply email, delete the communication and destroy all copies.

#### COMPUTER SYSTEM USE/CONSENT NOTICE

This message was sent from a computer system which is the property of the State of Louisiana and the Department of Natural Resources (DNR). It is for authorized business use only. Users (authorized or unauthorized) have no explicit or implicit expectation of privacy. Any or all uses of this system and all files on this system may be intercepted, monitored, recorded, copied, audited, inspected, and disclosed to Department of Natural Resources and law enforcement personnel. By using this system the user consents to such interception, monitoring, recording, copying, auditing, inspection, and disclosure at the discretion of DNR.

[attachment "001.jpg" deleted by Greg Fife/R6/USEPA/US] [attachment "004.jpg" deleted by Greg Fife/R6/USEPA/US] [attachment "Possible Problem & Solution 9-23-2012.doc" deleted by Greg Fife/R6/USEPA/US] [attachment "9-23-2012 AM Drilling\_Inspection\_Form BB.DOCX" deleted by Greg Fife/R6/USEPA/US]